

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096831.D
 Acq On : 17 Jul 2017 20:42
 Operator : SJ/JU
 Sample : I4203-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB01A

Quant Time: Jul 18 02:15:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

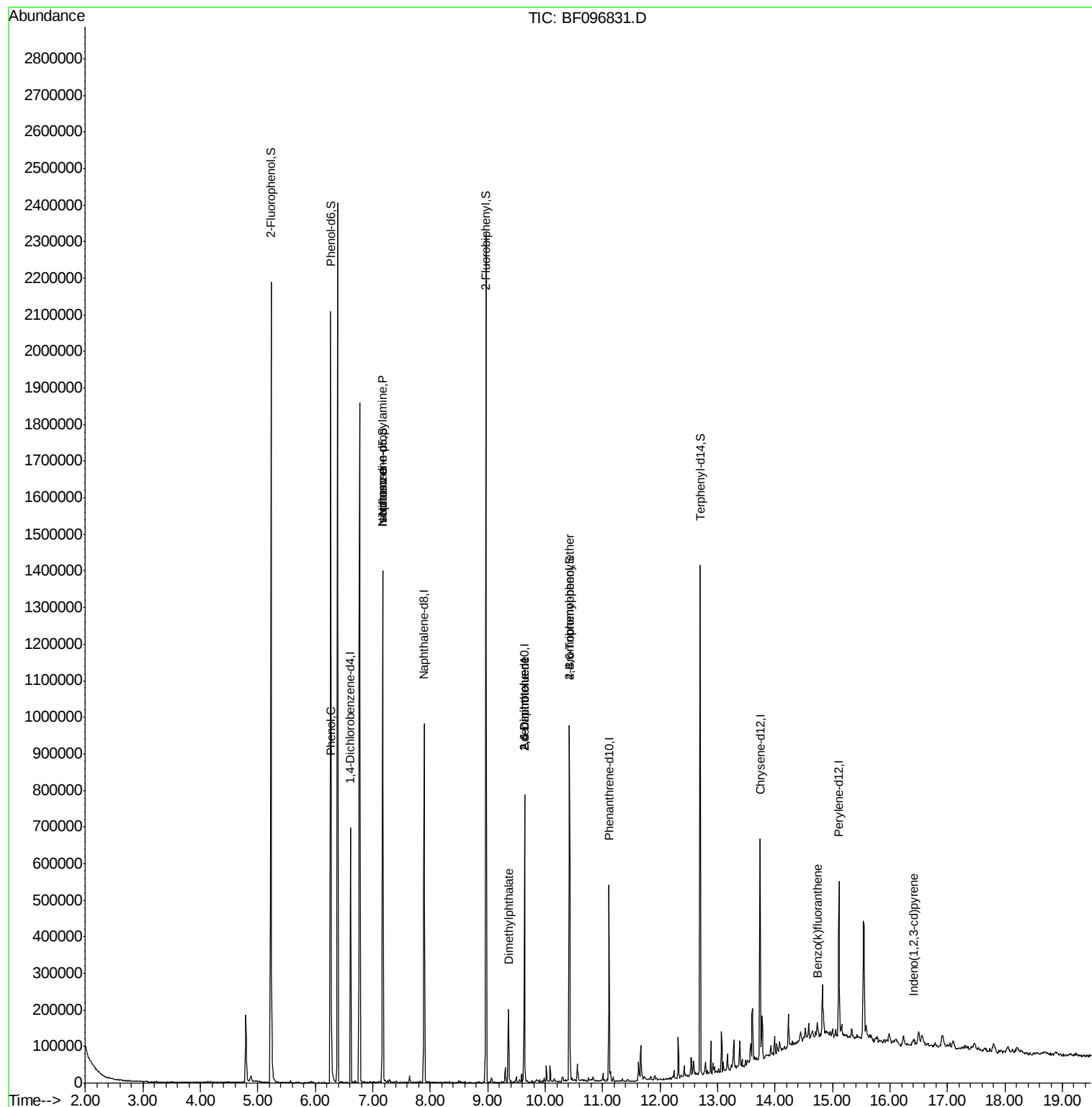
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	99693	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	393082	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	141989	20.00	ng	-0.03
63) Phenanthrene-d10	11.11	188	194956	20.00	ng	-0.04
75) Chrysene-d12	13.74	240	199320	20.00	ng	-0.04
86) Perylene-d12	15.11	264	171216	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	608677	91.80	ng	0.00
7) Phenol-d6	6.27	99	714047	89.74	ng	-0.01
23) Nitrobenzene-d5	7.17	82	410165	64.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	100171	82.65	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	692996	77.11	ng	-0.03
78) Terphenyl-d14	12.70	244	422379	36.75	ng	-0.04
Target Compounds						
10) Phenol	6.28	94	31244	3.474	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	54099	11.286	ng	# 87
25) Isophorone	7.17	82	409533	34.690	ng	# 67
49) Dimethylphthalate	9.36	163	68489	6.406	ng	100
50) 2,6-Dinitrotoluene	9.64	165	18109	7.820	ng	# 33
56) 2,4-Dinitrotoluene	9.64	165	18109	6.086	ng	# 32
66) 4-Bromophenyl-phenylether	10.42	248	6787	3.410	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.40	276	5559	3.801	ng	# 65
88) Benzo(k)fluoranthene	14.73	252	19951	2.040	ng	# 91

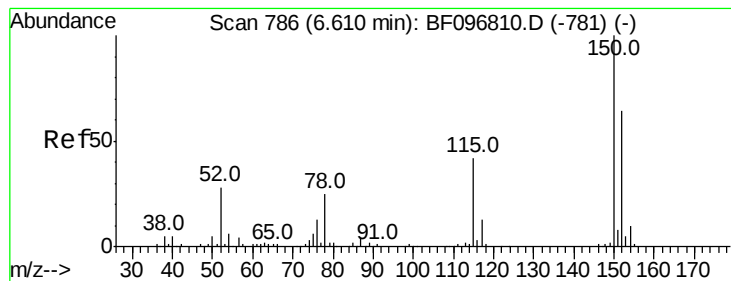
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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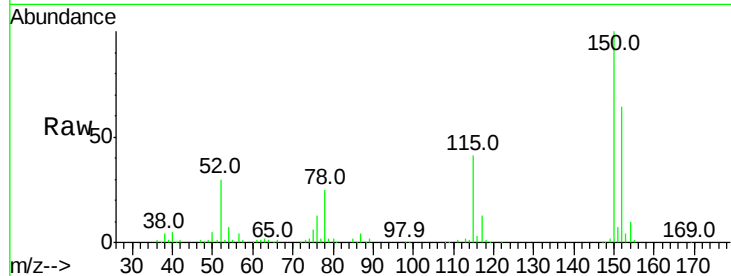


#1

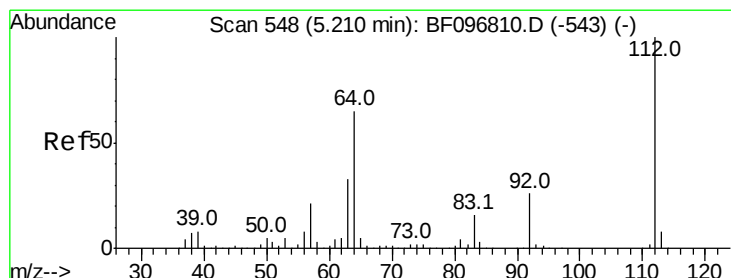
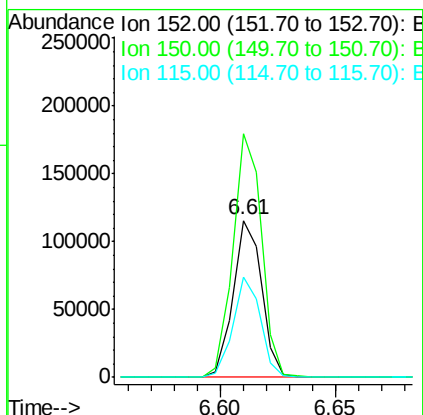
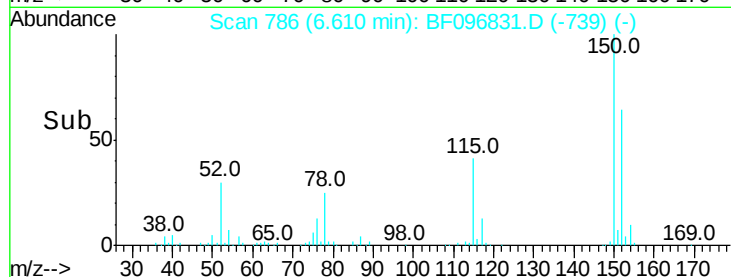
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF096831.D
 Acq: 17 Jul 2017 20:42

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB01A

Tot Ion:152 Resp: 99693
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.2 189.2
 115 64.4 52.2 78.2



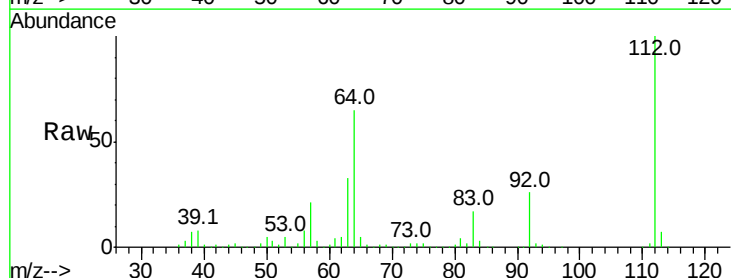
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



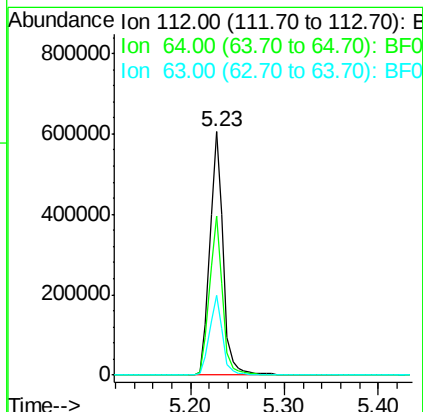
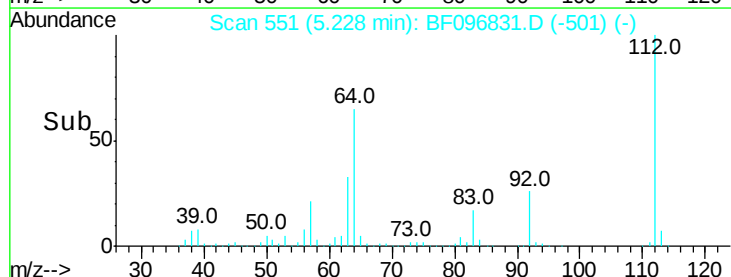
#5

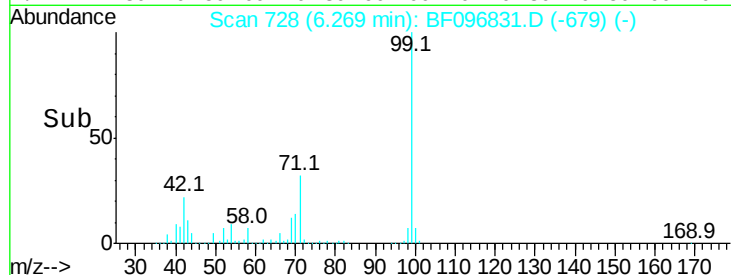
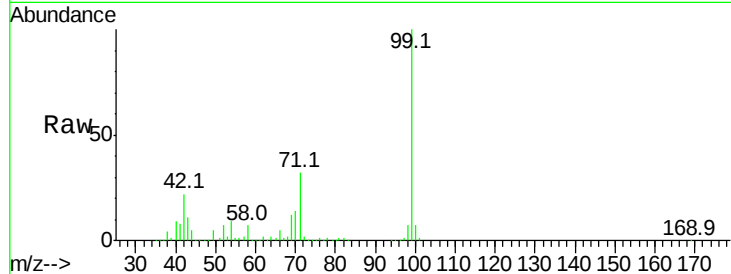
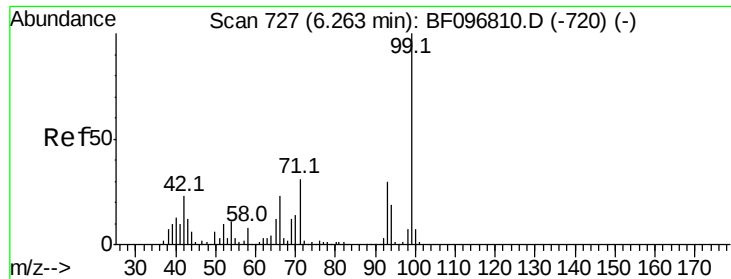
2-Fluorophenol
 Concen: 91.802 ng
 RT: 5.23 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF096831.D
 Acq: 17 Jul 2017 20:42

Tgt Ion:112 Resp: 608677
 Ion Ratio Lower Upper
 112 100
 64 65.4 46.0 69.0
 63 32.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.742 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

ClientSampleId :

NB-SB01A

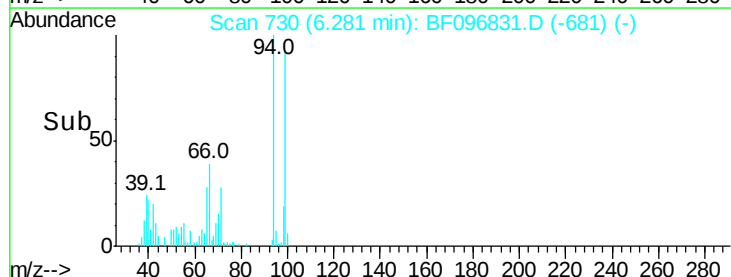
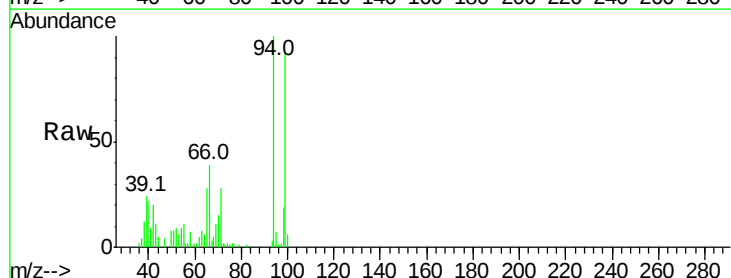
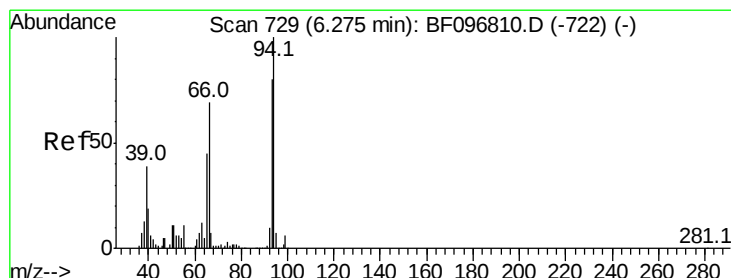
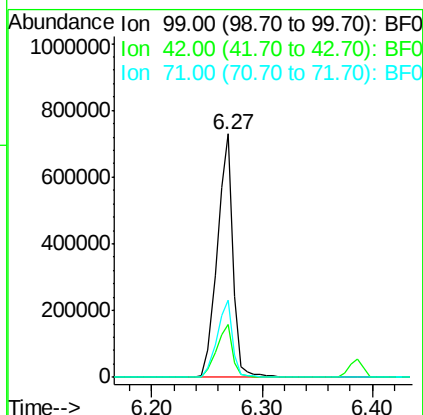
Tot Ion: 99 Resp: 714047

Ion Ratio Lower Upper

99 100

42 21.7 13.5 20.3#

71 31.6 24.5 36.7



#10

Phenol

Concen: 3.474 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

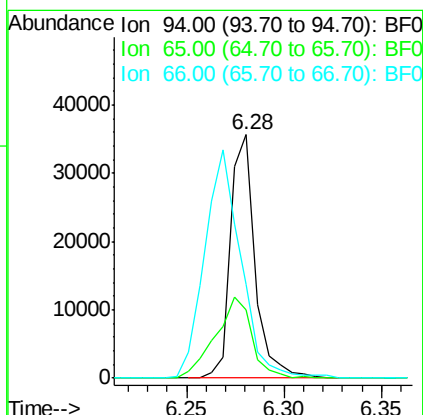
Tgt Ion: 94 Resp: 31244

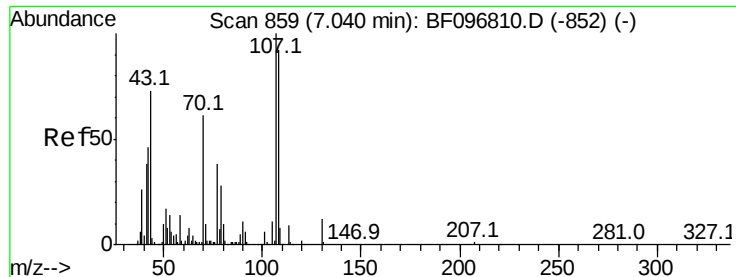
Ion Ratio Lower Upper

94 100

65 27.8 9.9 49.9

66 38.7 23.1 63.1





#19

n-Nitroso-di-n-propylamine

Concen: 11.286 ng

RT: 7.17 min Scan# 882

Delta R.T. 0.11 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

ClientSampleId :

NB-SB01A

Tot Ion: 70 Resp: 54099

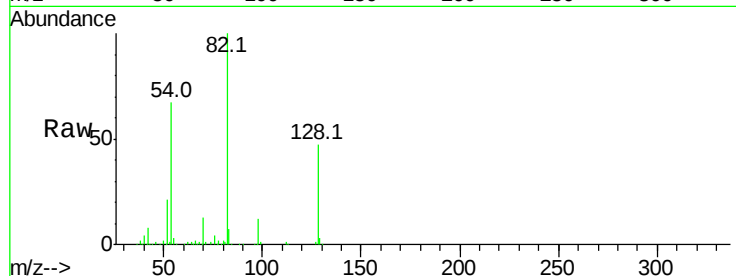
Ion Ratio Lower Upper

70 100

42 56.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

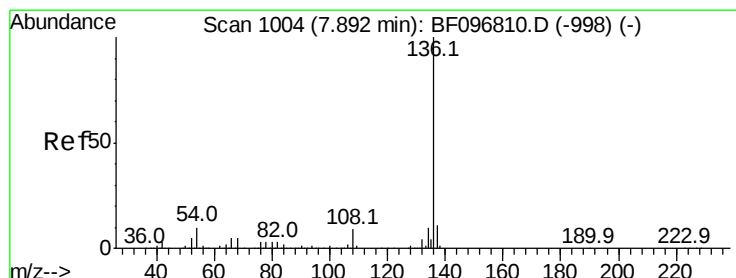
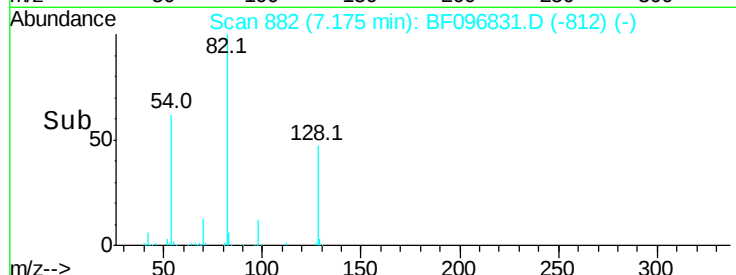
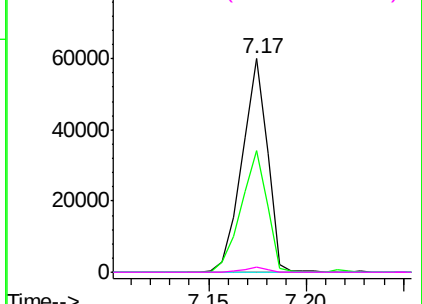


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Tgt Ion:136 Resp: 393082

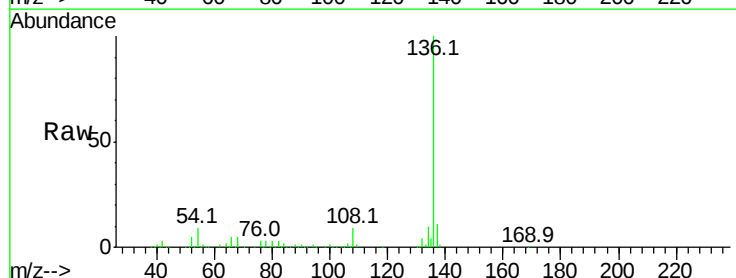
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.4 4.9 7.3#

68 4.7 4.1 6.1

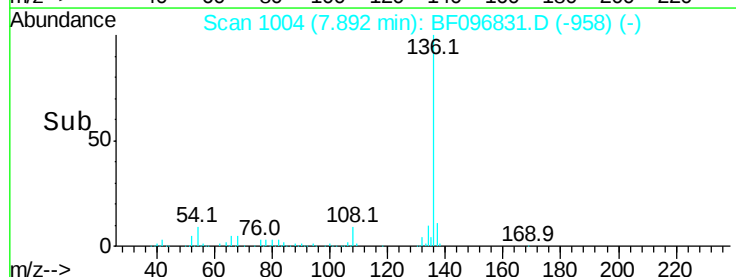
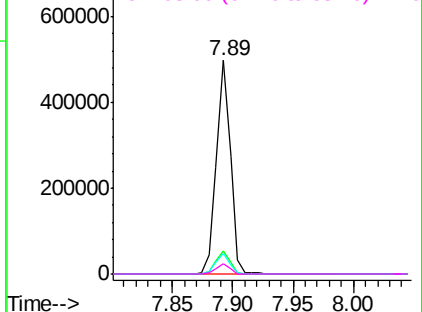


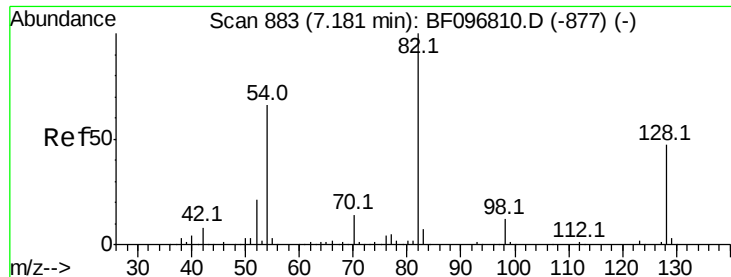
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 64.633 ng

RT: 7.17 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

ClientSampleId :

NB-SB01A

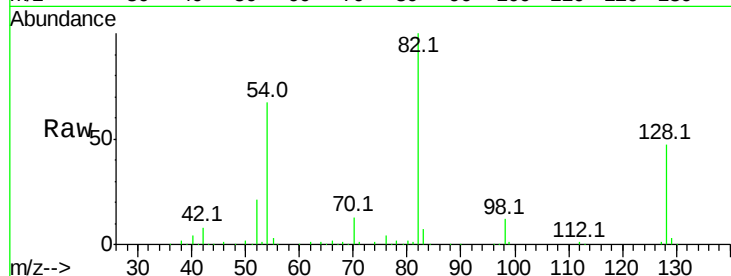
Tot Ion: 82 Resp: 410165

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

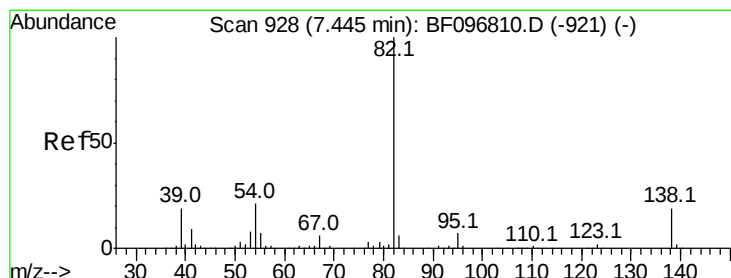
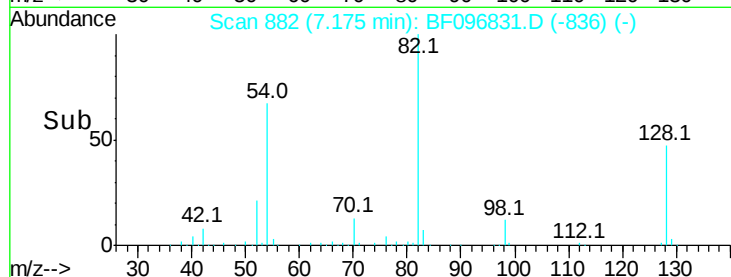
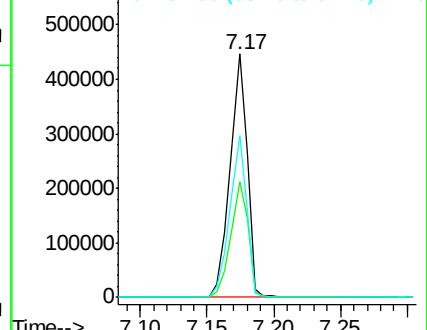
54 66.6 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 34.690 ng

RT: 7.17 min Scan# 882

Delta R.T. -0.29 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

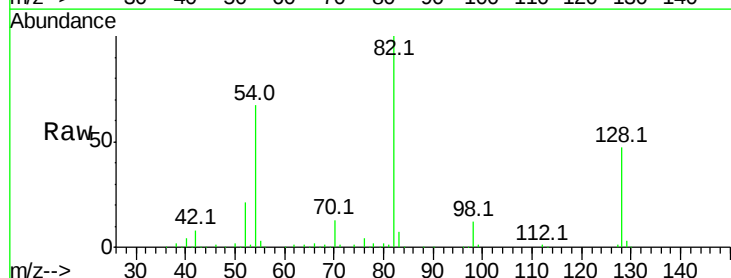
Tgt Ion: 82 Resp: 409533

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

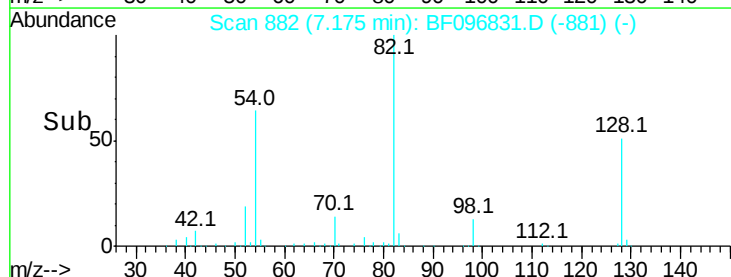
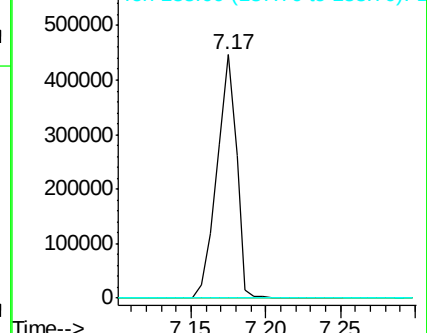
138 0.0 13.1 19.7#

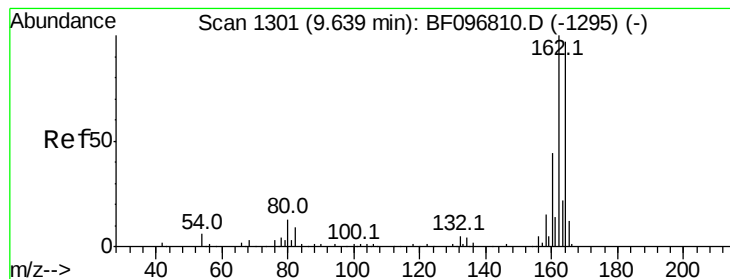


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

ClientSampleId :

NB-SB01A

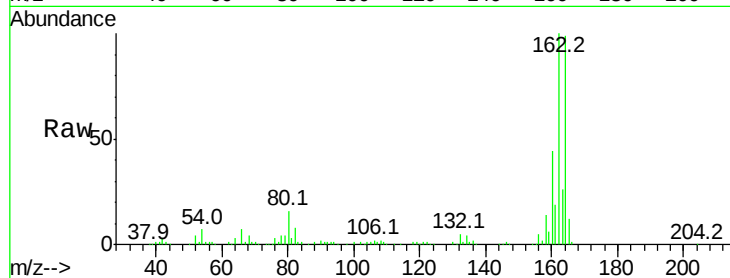
Tot Ion:164 Resp: 141989

Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

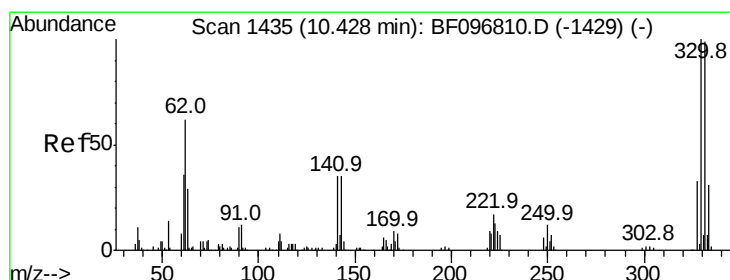
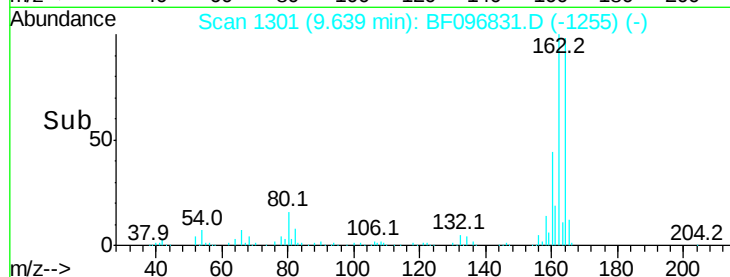
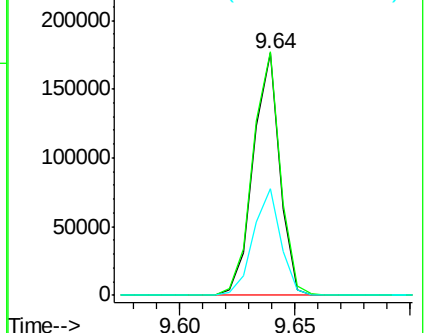
160 43.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 82.650 ng

RT: 10.42 min Scan# 1434

Delta R.T. -0.04 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

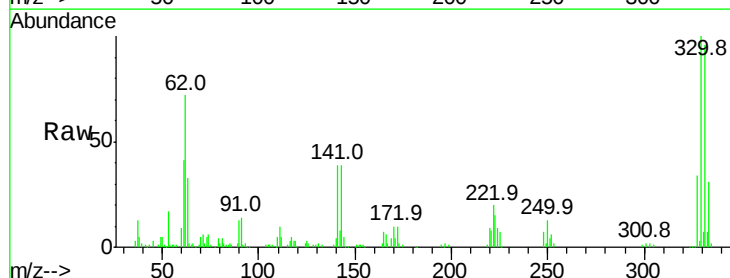
Tgt Ion:330 Resp: 100171

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

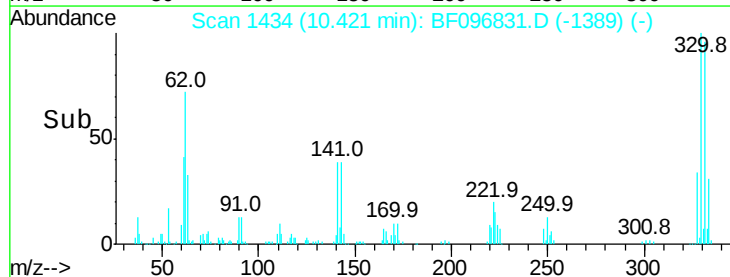
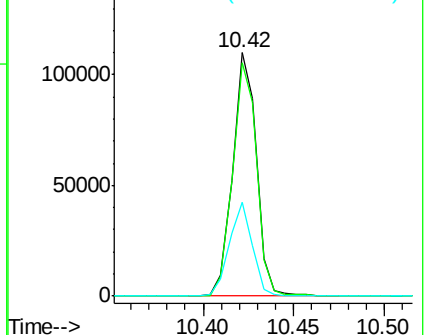
141 37.5 31.4 47.2

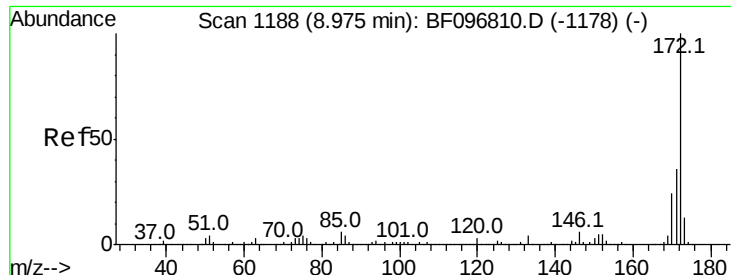


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

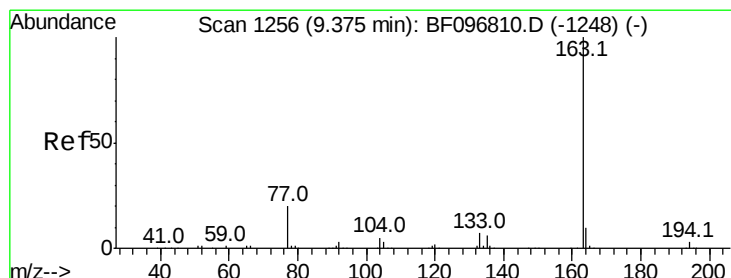
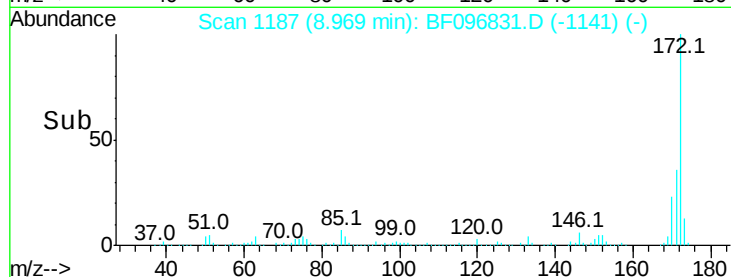
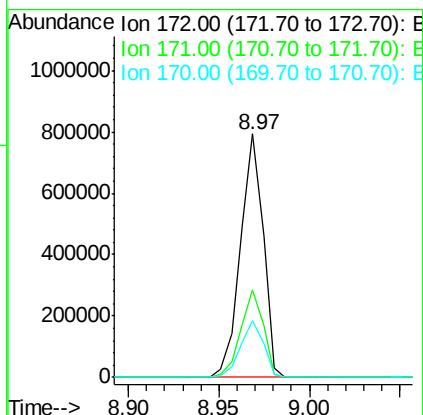
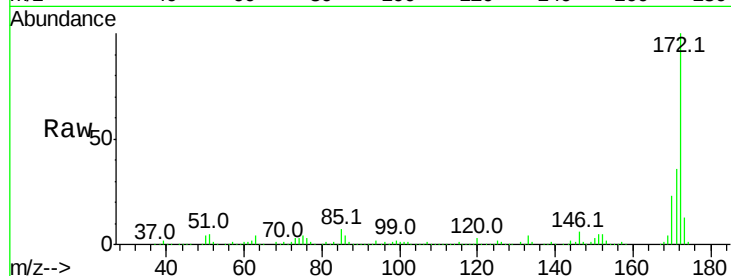




#44
 2-Fluorobiphenyl
 Concen: 77.110 ng
 RT: 8.97 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: BF096831.D
 Acq: 17 Jul 2017 20:42

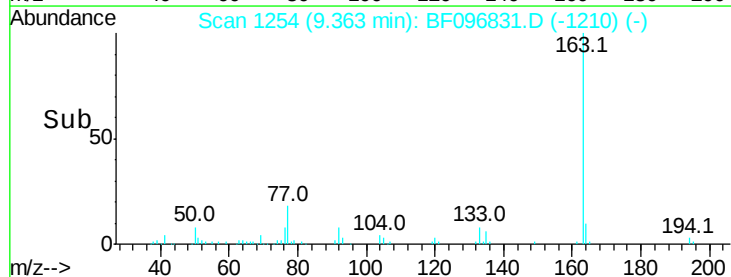
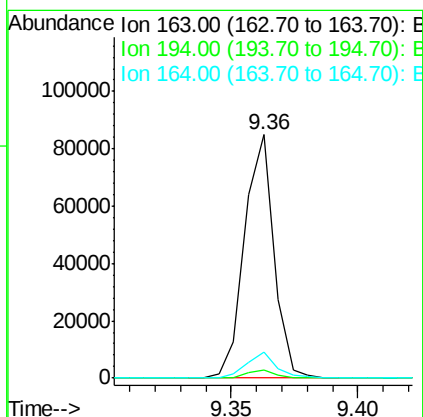
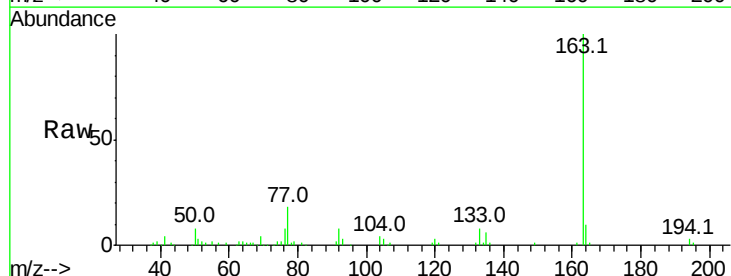
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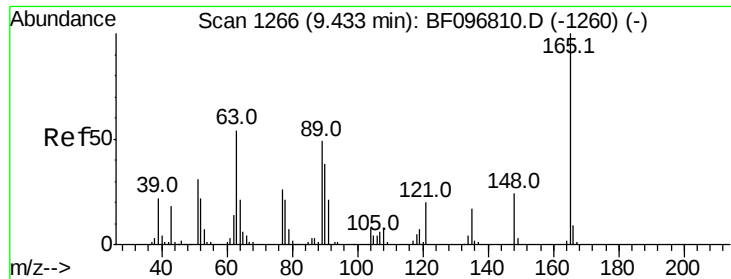
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.4	19.8	29.8



#49
 Dimethylphthalate
 Concen: 6.406 ng
 RT: 9.36 min Scan# 1254
 Delta R.T. -0.04 min
 Lab File: BF096831.D
 Acq: 17 Jul 2017 20:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.4	12.6

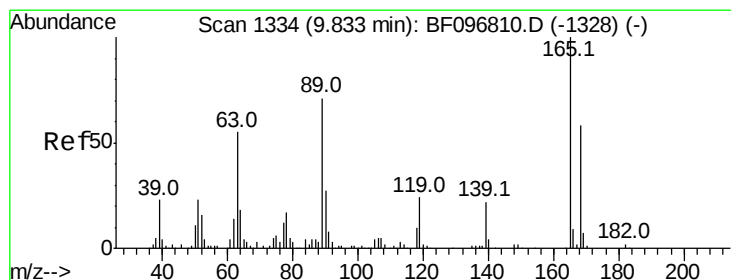
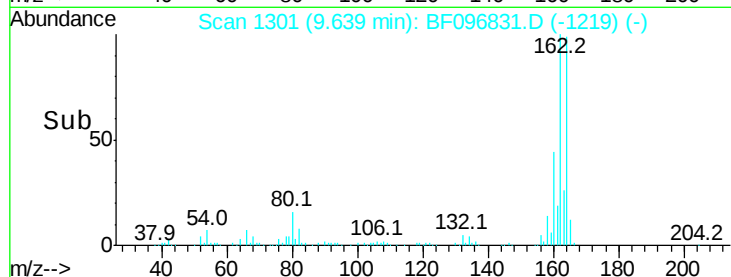
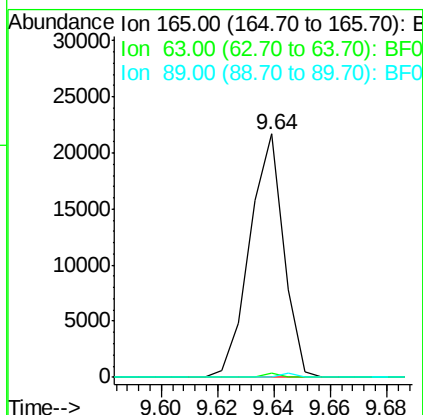
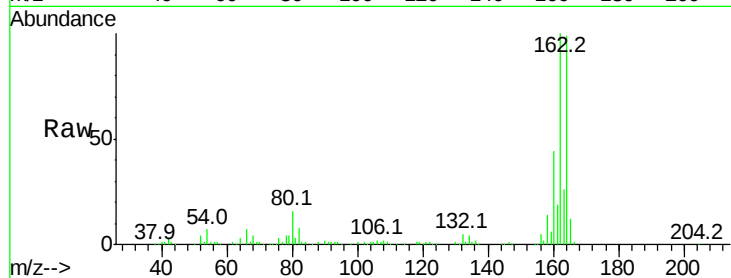




#50
 2,6-Dinitrotoluene
 Concen: 7.820 ng
 RT: 9.64 min Scan# 1301
 Delta R.T. 0.18 min
 Lab File: BF096831.D
 Acq: 17 Jul 2017 20:42

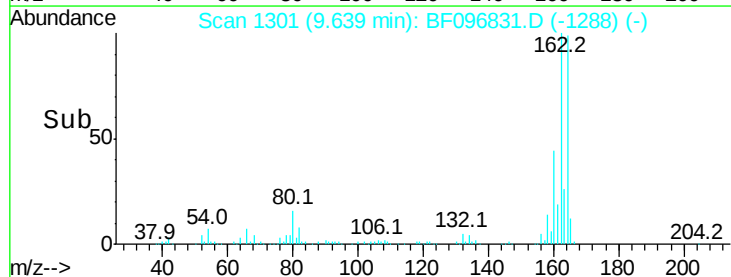
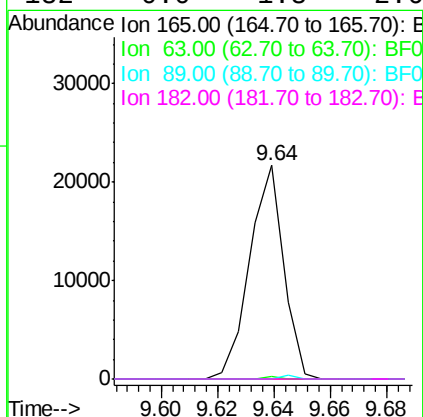
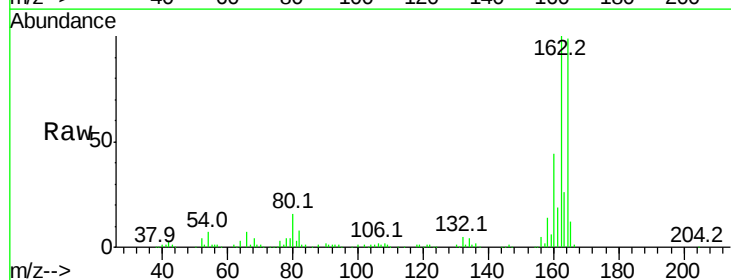
Instrument :
 BNA_F
 ClientSampleId :
 NB-SB01A

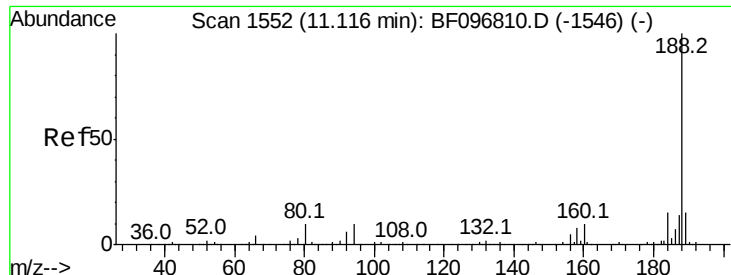
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.086 ng
 RT: 9.64 min Scan# 1301
 Delta R.T. -0.22 min
 Lab File: BF096831.D
 Acq: 17 Jul 2017 20:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

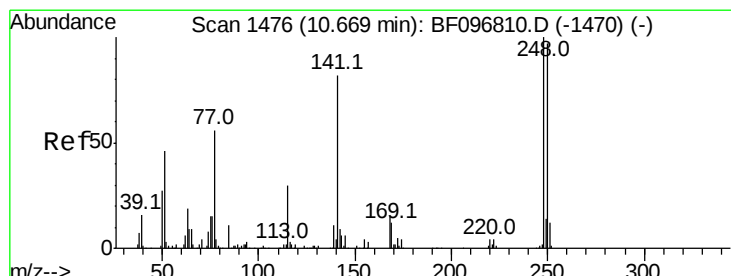
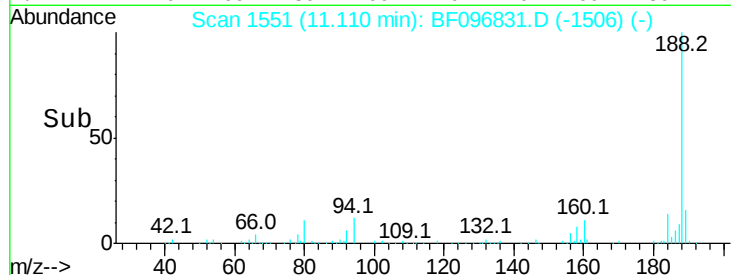
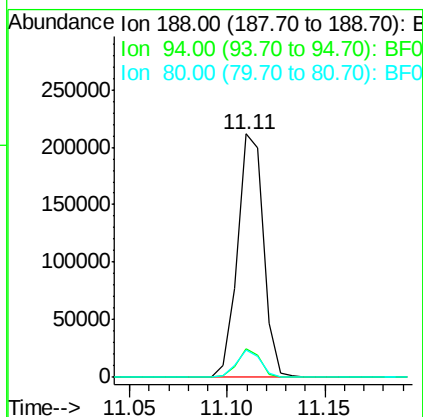
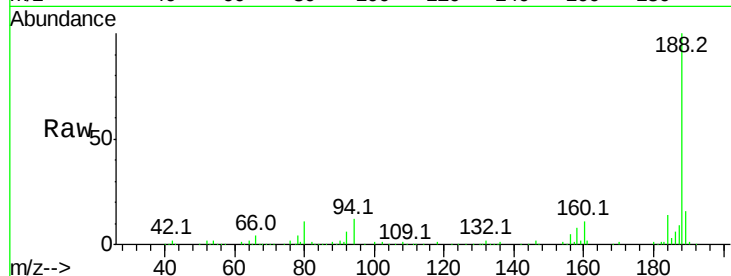




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF096831.D
Acq: 17 Jul 2017 20:42

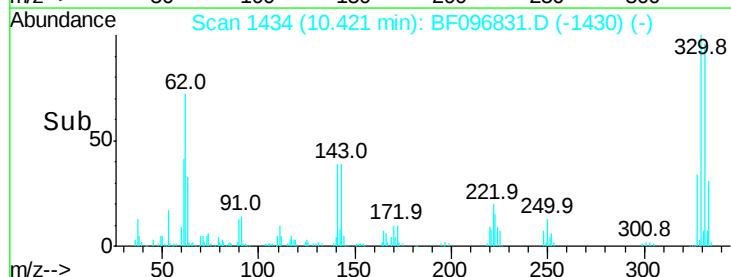
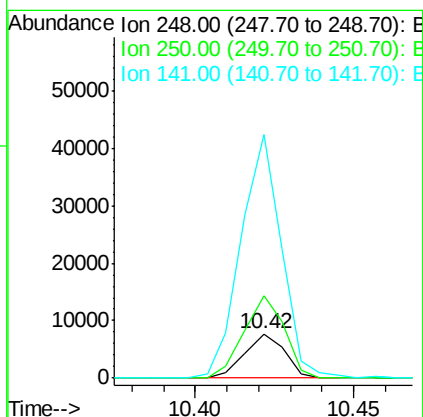
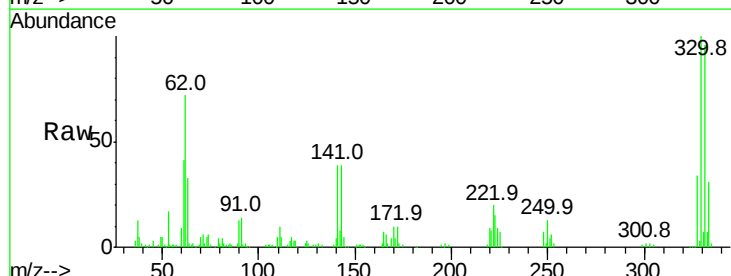
Instrument :
BNA_F
ClientSampleId :
NB-SB01A

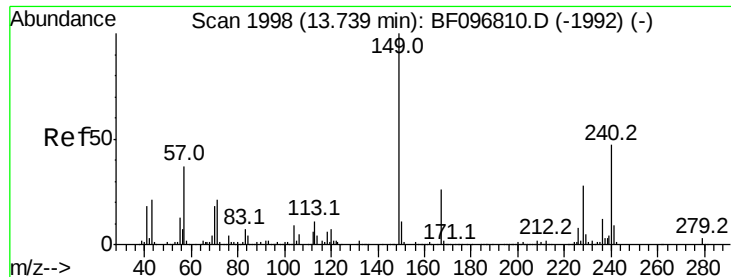
Tot Ion:188 Resp: 194956
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.4 10.2 15.2



#66
4-Bromophenyl-phenylether
Concen: 3.410 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.28 min
Lab File: BF096831.D
Acq: 17 Jul 2017 20:42

Tgt Ion:248 Resp: 6787
Ion Ratio Lower Upper
248 100
250 188.1 76.8 115.2#
141 553.3 68.6 103.0#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

ClientSampleId :

NB-SB01A

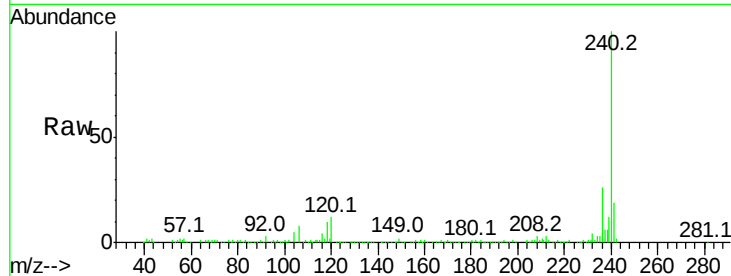
Tot Ion:240 Resp: 199320

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

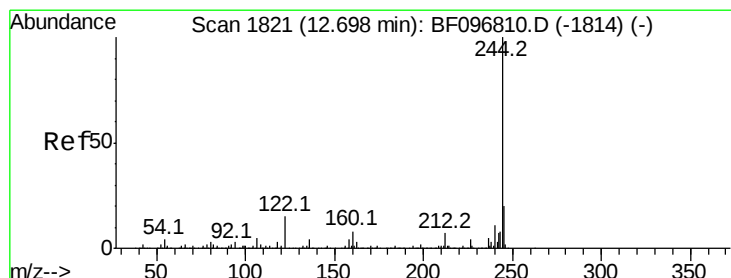
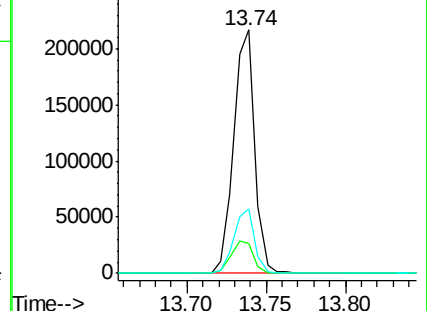
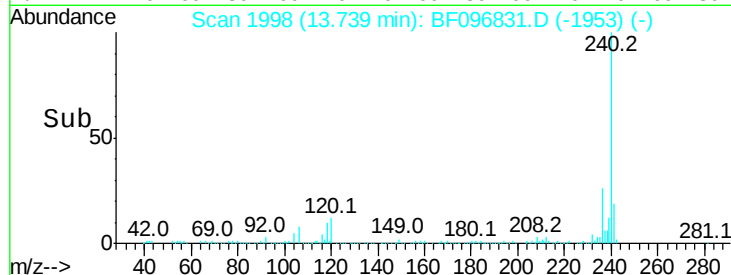
236 26.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 36.751 ng

RT: 12.70 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BF096831.D

Acq: 17 Jul 2017 20:42

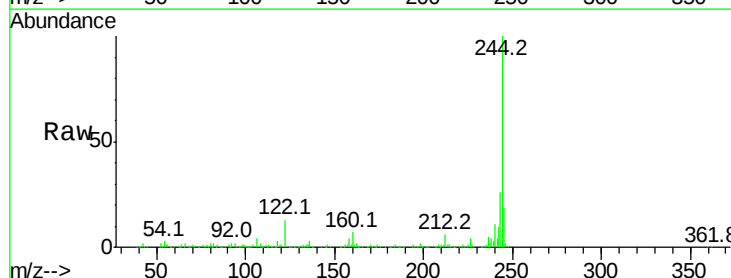
Tgt Ion:244 Resp: 422379

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

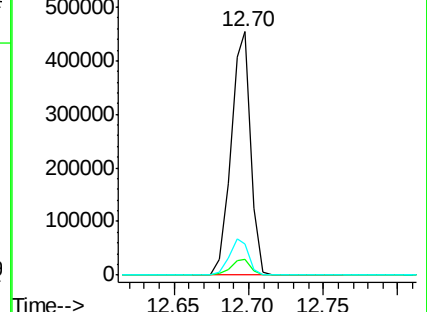
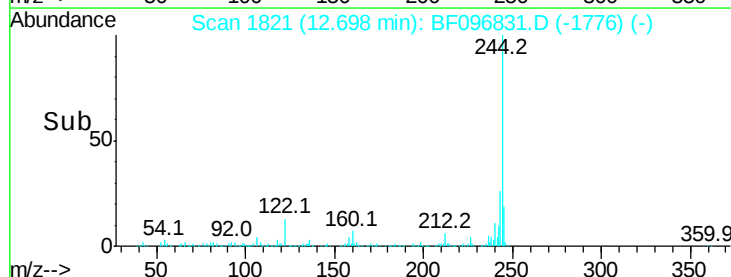
122 12.5 10.3 15.5

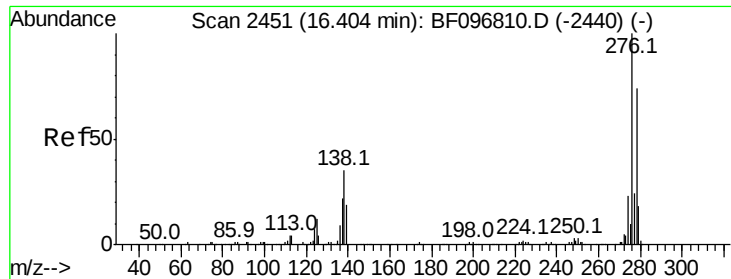


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

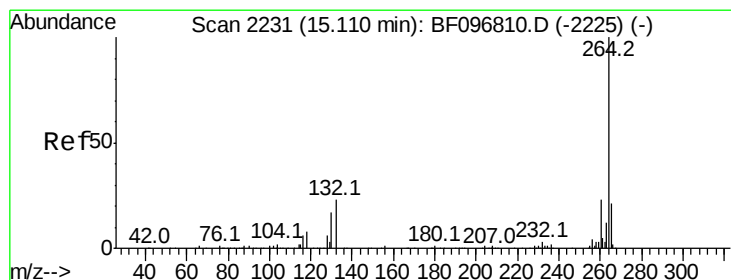
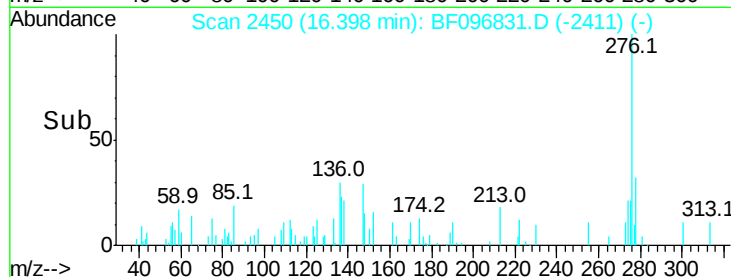
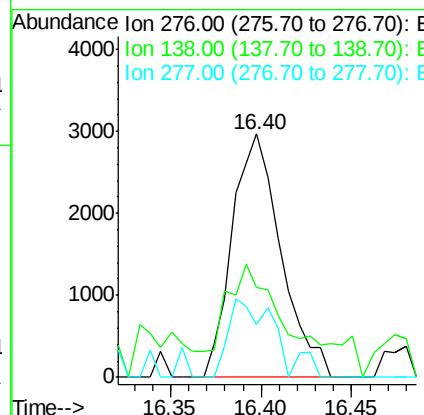
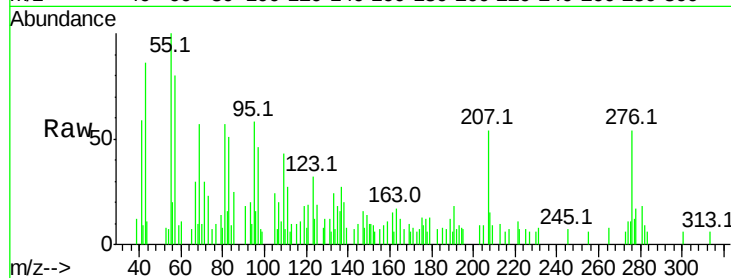




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.801 ng
RT: 16.40 min Scan# 2450
Delta R.T. -0.07 min
Lab File: BF096831.D
Acq: 17 Jul 2017 20:42

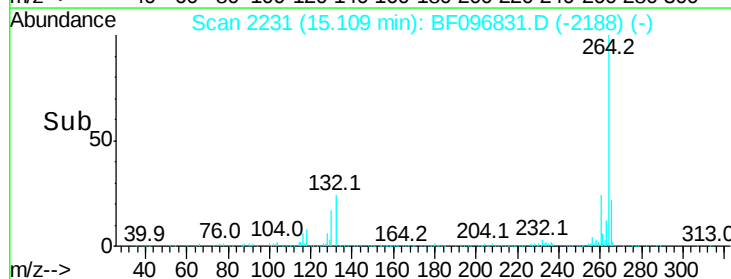
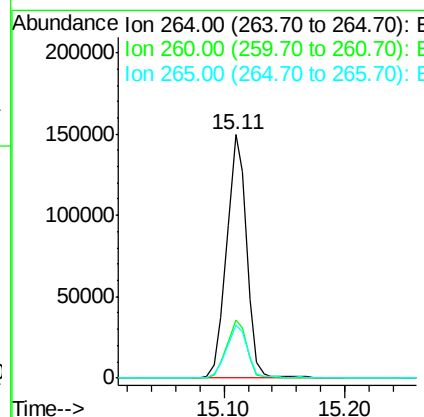
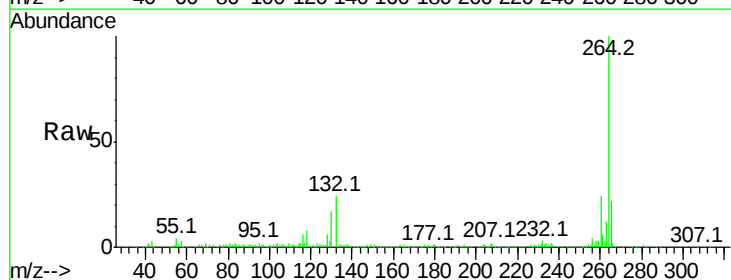
Instrument :
BNA_F
ClientSampleId :
NB-SB01A

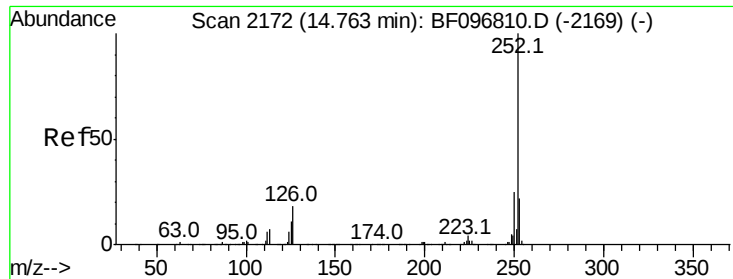
Tot Ion:276 Resp: 5559
Ion Ratio Lower Upper
276 100
138 64.9 27.8 41.6#
277 31.2 20.2 30.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2231
Delta R.T. -0.05 min
Lab File: BF096831.D
Acq: 17 Jul 2017 20:42

Tgt Ion:264 Resp: 171216
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.8 17.2 25.8





#88

Benzo(k)fluoranthene

Concen: 2.040 ng

RT: 14.73 min Scan# 2167

Delta R.T. -0.06 min

Lab File: BF096831.D

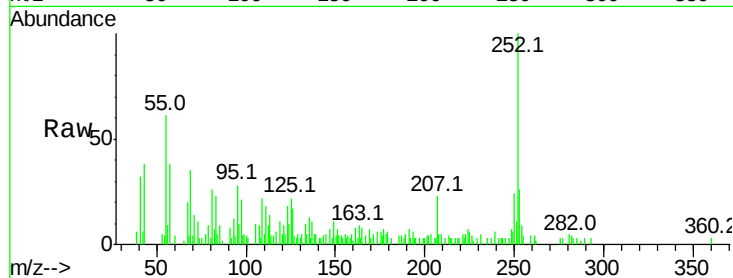
Acq: 17 Jul 2017 20:42

Instrument :

BNA_F

ClientSampleId :

NB-SB01A



Tot Ion:	252	Resp:	19951
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.4	27.6
125	22.3	13.1	19.7

